

# *EOS & MODIS Budgets*

## *EOS Budget*

- Total of \$8B from FY91-FY00
- Total of \$827.6M (10.3%) allocated through FY93
- In FY92 the funding authority was split into 2 different UPNs (SCI and SCF)

## *MODIS Budget*

- Total of \$15.5M from FY91-FY93
- Budget authority for FY94 increase of 36.5% over FY93



# *SCI vs SCF Definitions*

## *SCI*

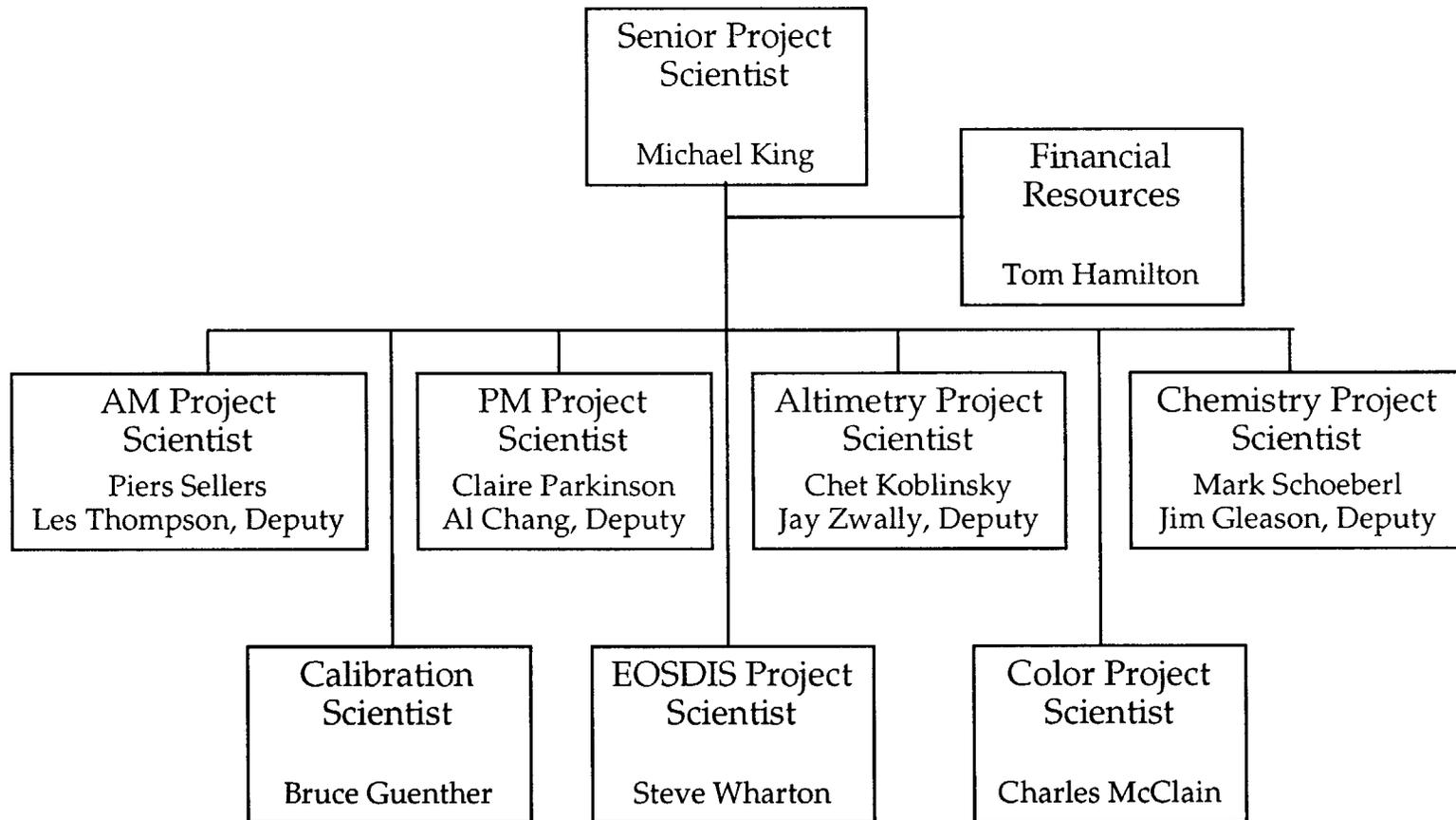
- All scientific research, programmers devoted to the development of algorithms and software for data processing, data validation experiments, etc.

## *SCF*

- Hardware and software devoted to support of data visualization and processing, including Team Member and Team Leader Computing Facilities (lease, maintenance and purchase), workstations, operating systems, software, and computer operators.



# *EOS Project Science Office*



Michael D. King

# *EOS IWG Report*

## *Main Focus*

- Development of Data Products (Parameters) List
  - Each Team Leader presented recommendations
  - Atmospheres, Ocean, Solid Earth, and Land-Biosphere Panels met to discuss recommendations
- Each Panel recommended additional products from Asrar list
- Project Science Office has reviewed and synthesized recommendations from IWG
- Letter was sent to all Principal Investigators and IDS investigators on June 23



# *EOS IWG Report*

## *Purpose of Letter*

- Include version 2 of Prioritized Data Parameter List
- Request feedback from investigators on MFLOPS and GByte requirements for each parameter
- Request update on accuracy estimates contained in data base for each parameter
- Indicate to whom (EOS Senior Project Scientist) to send updated computing requirements to ensure that PI requirements are accurately incorporated in ESDIS Project
- Provide follow up letter confirming to investigators that feedback has been incorporated in data base



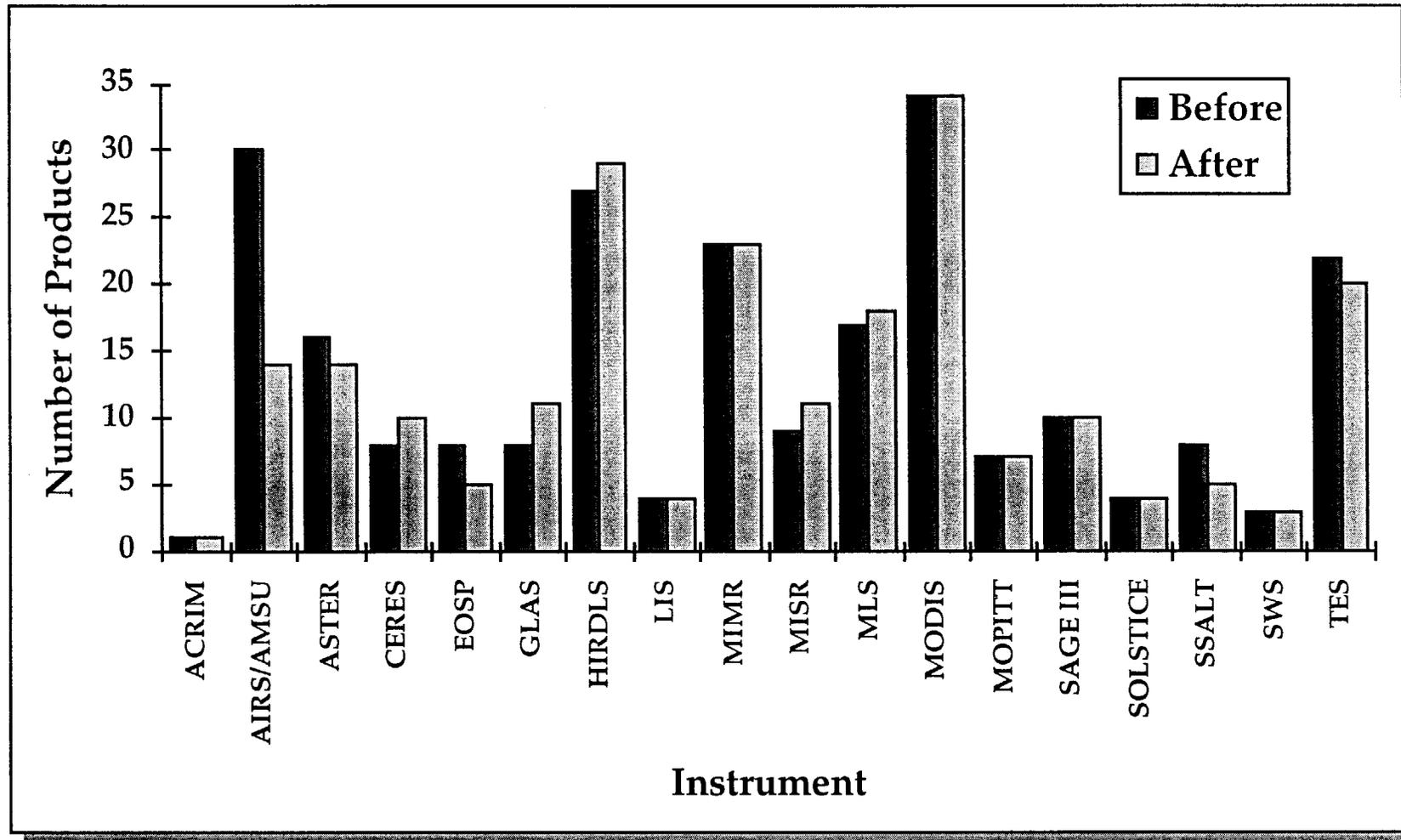
# *EOS Data Products List*

- Prioritized Data Products List
  - Responses received from all 18 Science Teams plus Rood's IDS Investigation
  - Separately accounted for routine, on-request, and software products

|                 | <i>At-launch</i> | <i>Post-launch</i> | <i>Total</i> |
|-----------------|------------------|--------------------|--------------|
| <i>Routine</i>  | 132              | 68                 | 200          |
|                 | 12               | 2                  | 14           |
| <i>Software</i> | 1                | 8                  | 9            |
|                 |                  |                    | <hr/> 223    |



# Number of Data Products (AL & PL)



# *Executive Phase Project Plan*

## *Accomplishments*

- Reviewed and provided input on behalf of Earth Sciences Directorate
- Compared Level 1 requirements with responses received from each Science Team on accuracy, resolution and priority of at-launch data products
  - A subset of planned at-launch data products included as level 1 requirements
  - Parameters within products not listed – to be cross-referenced to Science Plan
  - All at-launch and post-launch data products to be planned for integration into EOSDIS



## *Senate Appropriations Subcommittee*

- No steps are to be taken to restructure or rescope the EOS program in any manner
- A cap is to be set for each instrument by year and as a whole; future project status reports should outline in detail the cost for each instrument
- The Committee remains concerned that members of the Earth science and environmental communities expect EOSDIS to be all things to all people
- EOS...is not designed to answer every question ever asked about climate change
- Full amount requested for Landsat (\$59.1M) is included; no funds for processing HRMSI data



## *Senate Appropriations Subcommittee*

- All funds requested for CIESIN have been deleted; \$10M of '93 program funds and \$10M in facility construction funds have been proposed for rescission
- No funds to be used for construction of non-NASA facilities (e.g., EDC DAAC)
- Directive to develop specific performance requirements for the baseline EOSDIS program
- Directive to finalize list of baseline data products to be provided by the ECS for EOS users
- No additional DAACs or affiliated DAACs beyond the existing eight and one, respectively



# *EOS Project Science Office*

## *Accomplishments*

- Developed first draft of posters on the 7 themes of EOS (*greenhouse effect, cloud radiative effects, ozone depletion, effects of ocean processes, ...*)
- Printed EOS brochure
- Completed 10 min. video (*Earth, a New Perspective*)

## *Planned*

- Exploring mechanisms for adding EOS information (*Earth Observer, Glossary and Acronyms, Reference Handbook, EOS Directory, ...*) on-line
  - Worldwide Web, Gopher, WAIS



# *EOS Color Mission*

## *Accomplishments*

- AMAO has assigned Study Manager for feasibility study of Color

## *Issues and Concerns*

- Management of Color should be clarified at Goddard prior to Payload Panel Meeting
- Funding of Science Team and Announcement of Opportunity

